

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015704.D
 Acq On : 25 Jun 2020 01:30
 Operator : SY/VA
 Sample : L3101-03
 Misc : 6.34G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EBS8-S-02A

Quant Time: Jun 25 02:09:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	178982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108493	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	114679	57.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.18%	
35) Dibromofluoromethane	7.88	113	100217	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	10.32	98	393374	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	118430	41.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.90%	

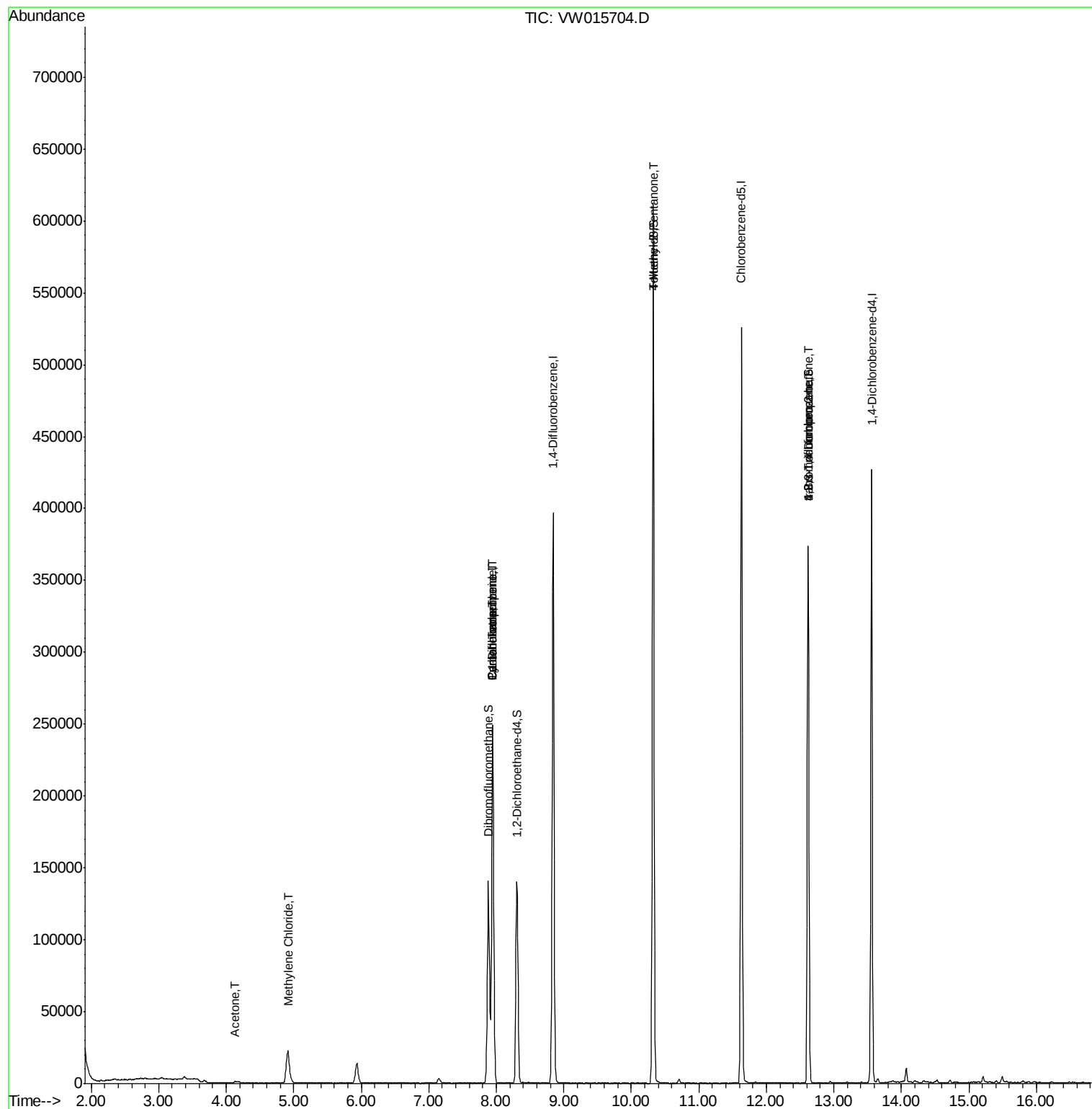
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2163	5.714	ug/l	96
18) Methyl Acetate	4.67	43	157	Below Cal	#	52
20) Methylene Chloride	4.92	84	17852	5.637	ug/l	97
31) Cyclohexane	7.95	56	4422	1.289	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	14696	4.509	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18130	5.738	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	2090	1.745	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	65769	66.459	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	65769	167.478	ug/l #	8

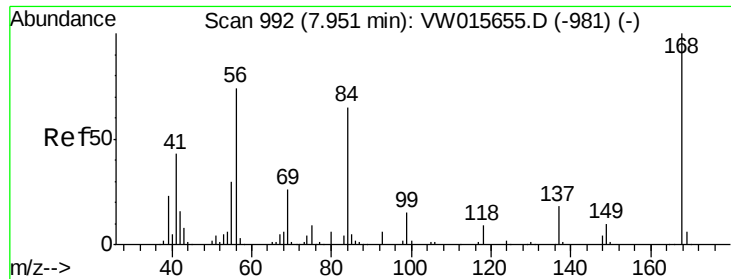
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
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QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015704.D

Acq: 25 Jun 2020 01:30

Instrument :

MSVOA_W

ClientSampleId :

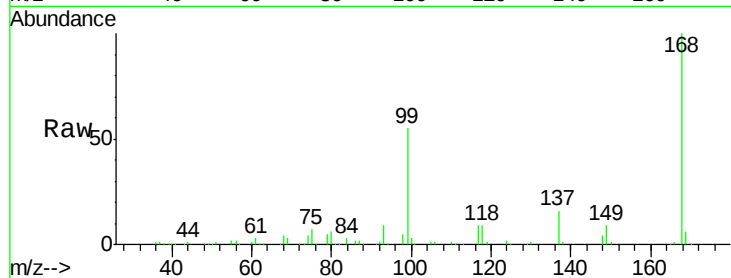
EBS8-S-02A

Tgt Ion: 168 Resp: 178982

Ion Ratio Lower Upper

168 100

99 54.5 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

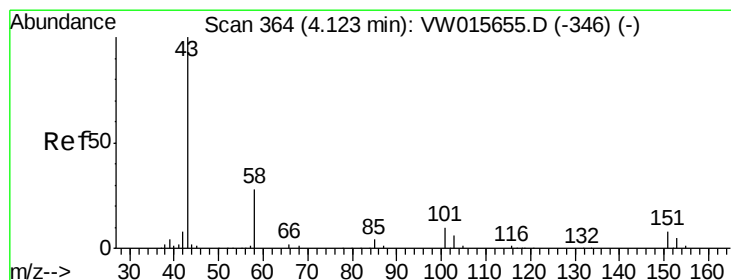
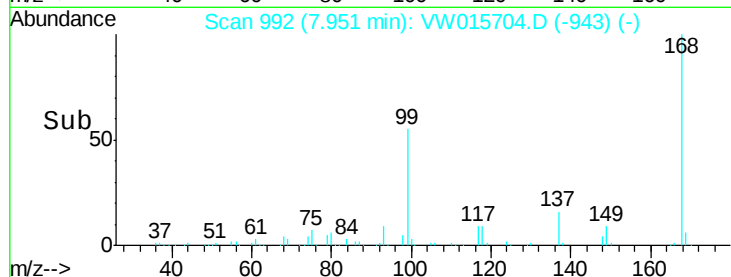
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 5.714 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015704.D

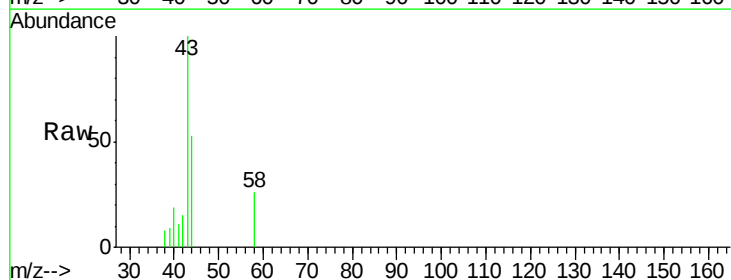
Acq: 25 Jun 2020 01:30

Tgt Ion: 43 Resp: 2163

Ion Ratio Lower Upper

43 100

58 26.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

600

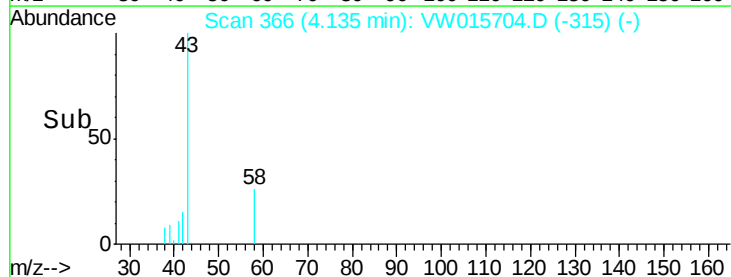
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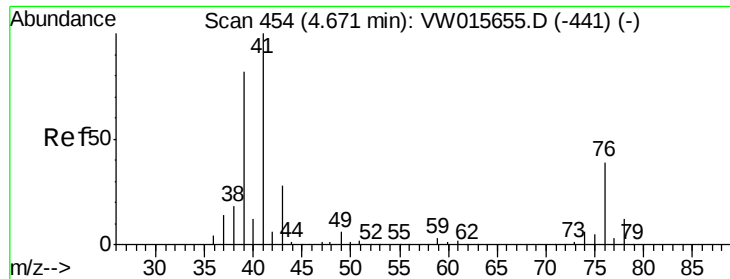
200

0

4.05 4.10 4.15 4.20 4.25

Time-->

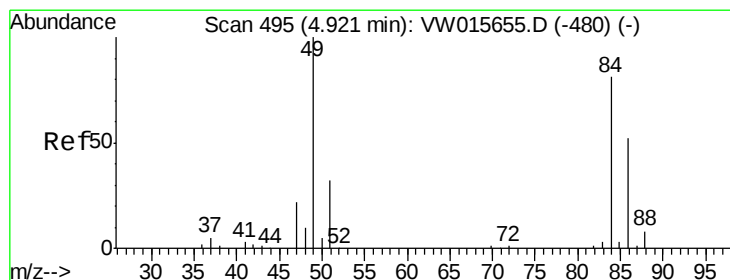
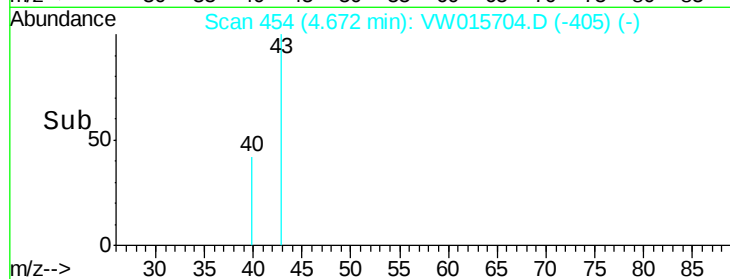
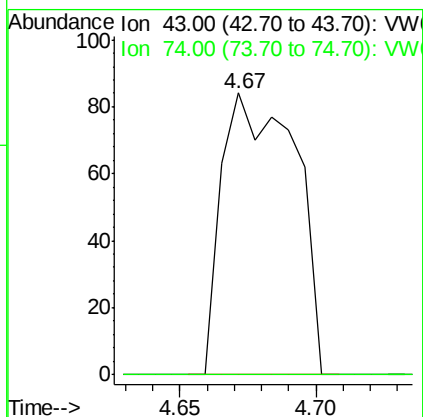
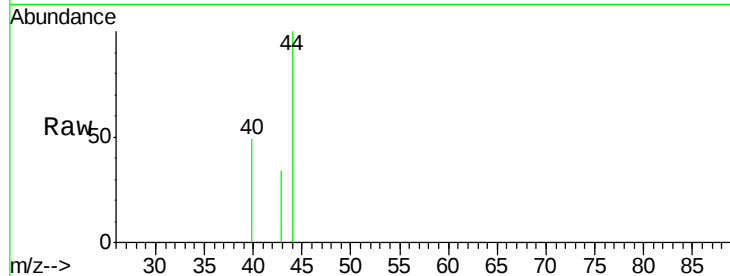




#18
Methyl Acetate
Concen: Below Cal
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015704.D
Acq: 25 Jun 2020 01:30

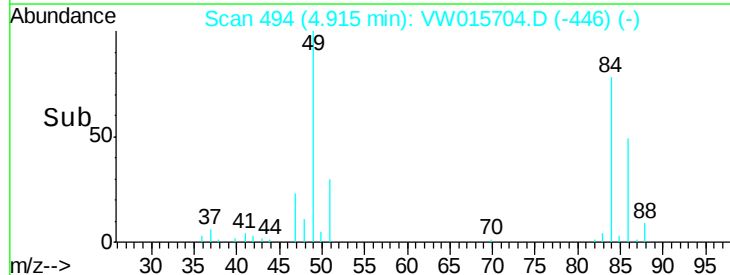
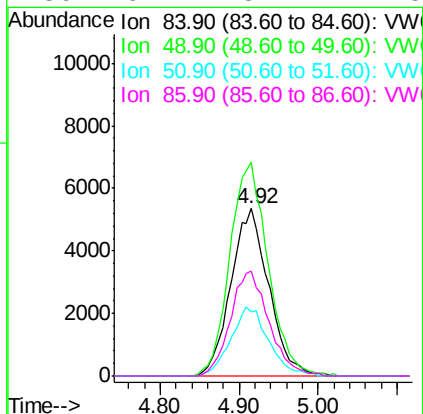
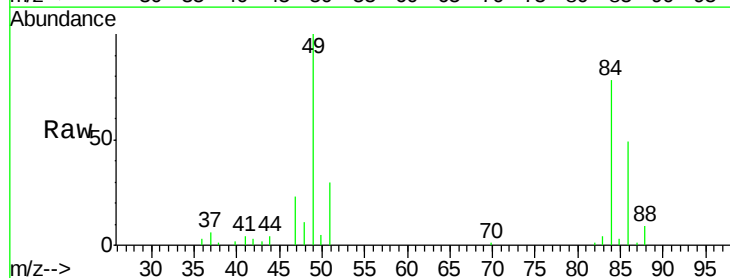
Instrument :
MSVOA_W
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EBS8-S-02A

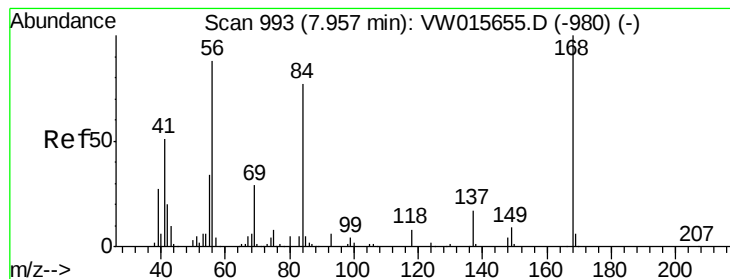
Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 5.637 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015704.D
Acq: 25 Jun 2020 01:30

Tgt Ion: 84 Resp: 17852
Ion Ratio Lower Upper
84 100
49 127.7 99.3 148.9
51 38.5 31.8 47.6
86 62.4 51.7 77.5





#31

Cyclohexane

Concen: 1.289 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015704.D

Acq: 25 Jun 2020 01:30

Instrument :

MSVOA_W

ClientSampleId :

EBS8-S-02A

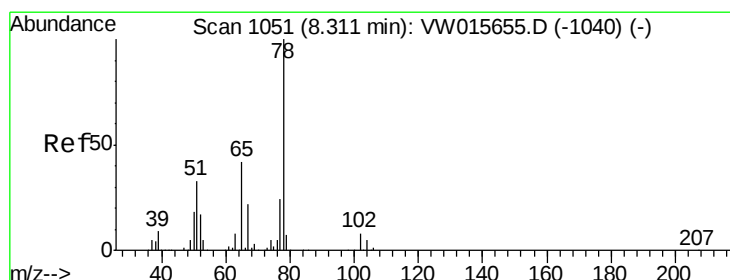
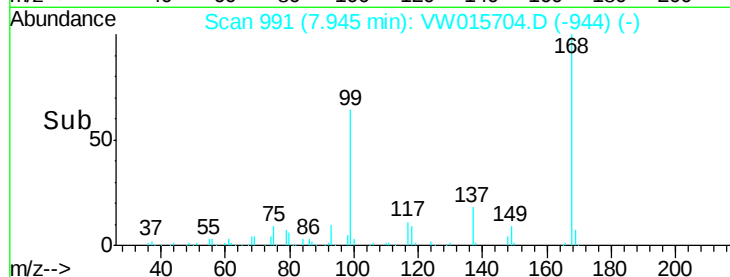
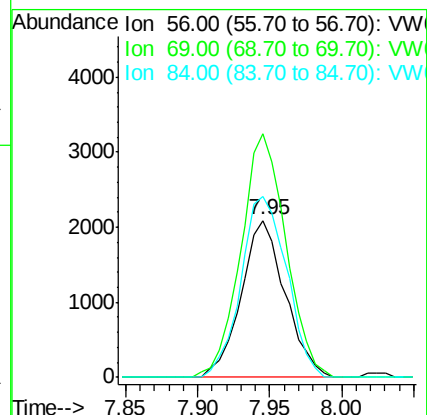
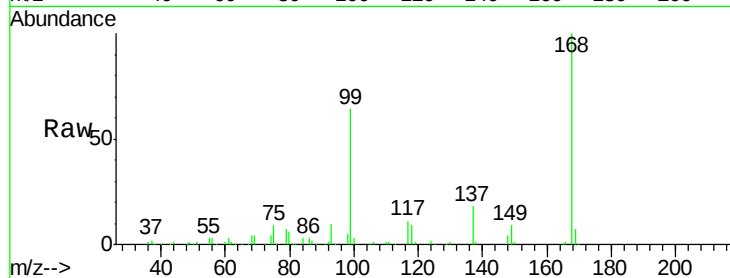
Tgt Ion: 56 Resp: 4422

Ion Ratio Lower Upper

56 100

69 155.5 26.2 39.4#

84 115.9 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 57.587 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015704.D

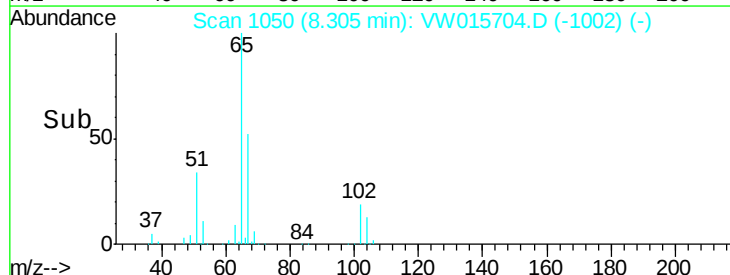
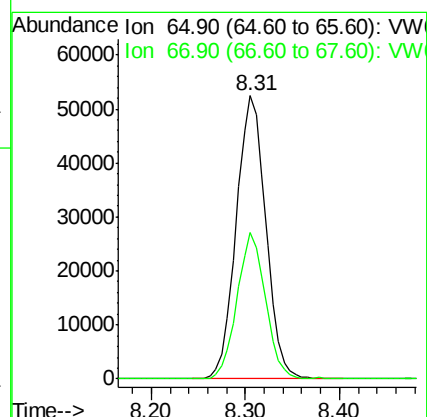
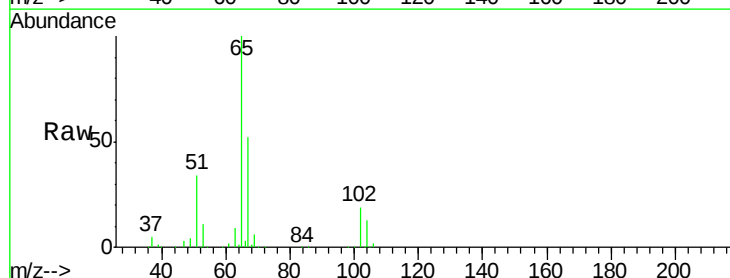
Acq: 25 Jun 2020 01:30

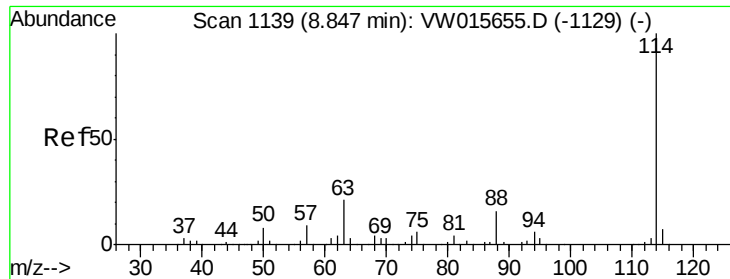
Tgt Ion: 65 Resp: 114679

Ion Ratio Lower Upper

65 100

67 49.7 0.0 102.2

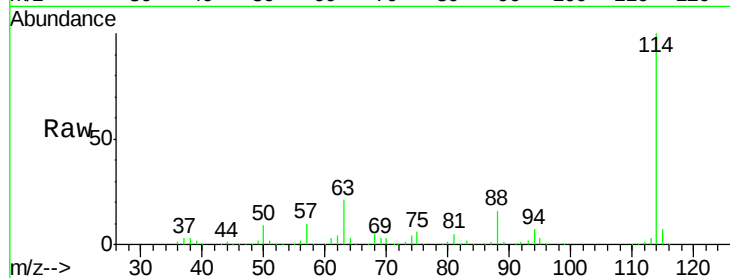




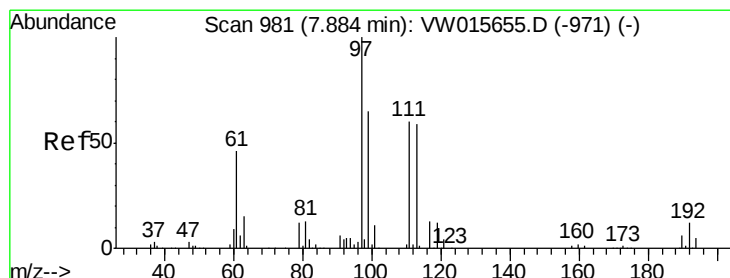
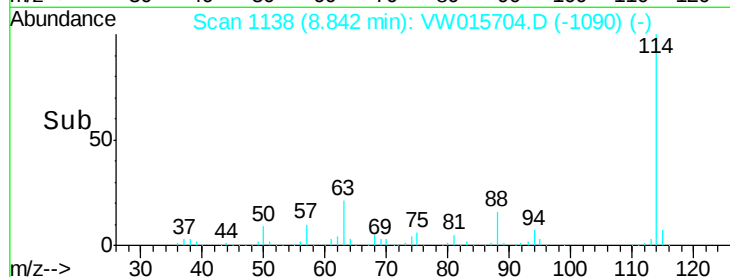
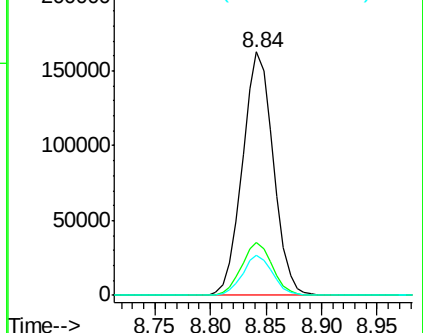
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW015704.D
Acq: 25 Jun 2020 01:30

Instrument :
MSVOA_W
ClientSampleId :
EBS8-S-02A

Tgt Ion:114 Resp: 313372
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 16.5 0.0 32.6

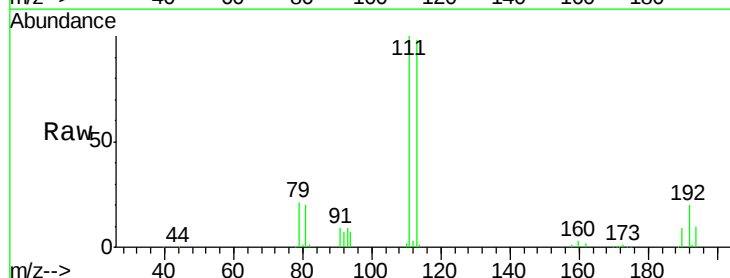


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

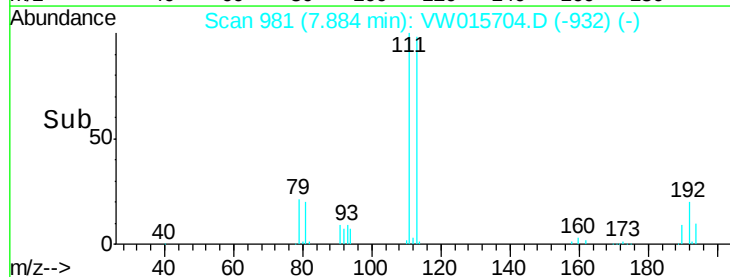
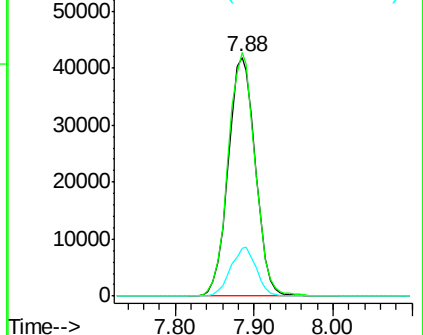


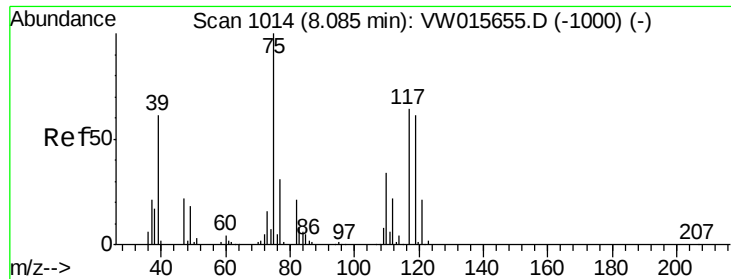
#35
Dibromofluoromethane
Concen: 50.841 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015704.D
Acq: 25 Jun 2020 01:30

Tgt Ion:113 Resp: 100217
Ion Ratio Lower Upper
113 100
111 101.6 82.3 123.5
192 19.4 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

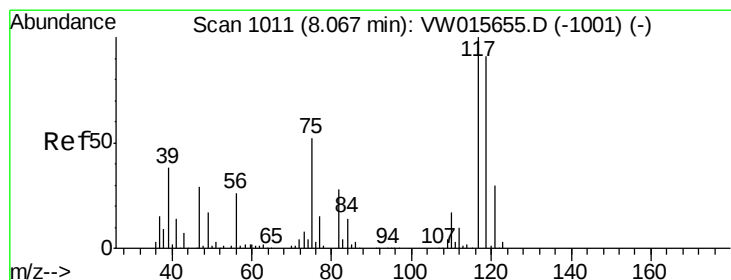
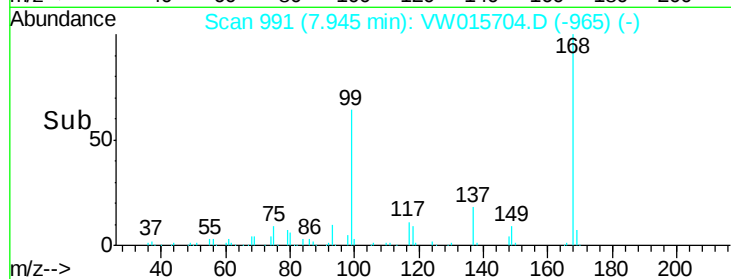
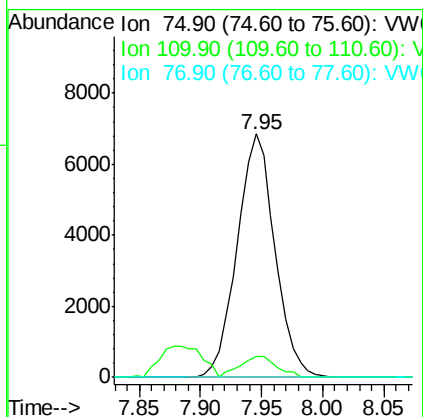
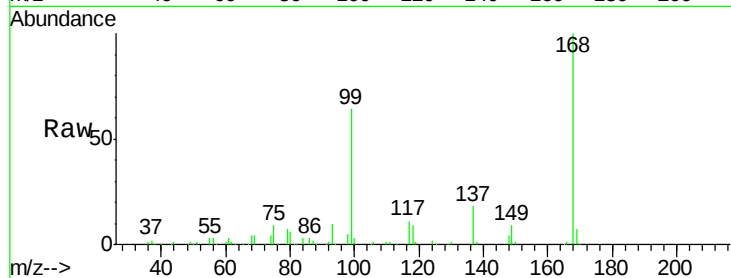




#36
 1,1-Dichloropropene
 Concen: 4.509 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015704.D
 Acq: 25 Jun 2020 01:30

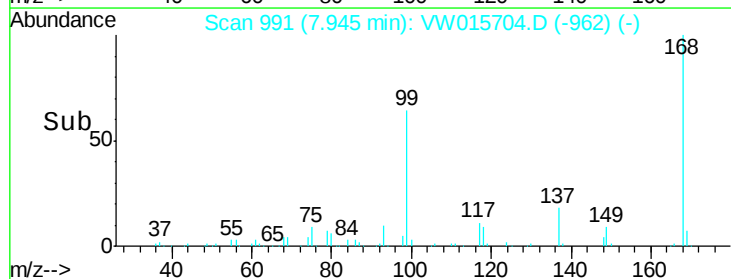
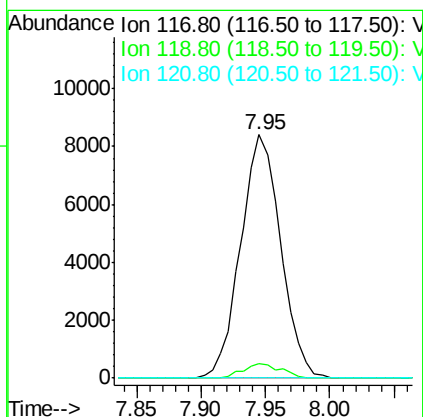
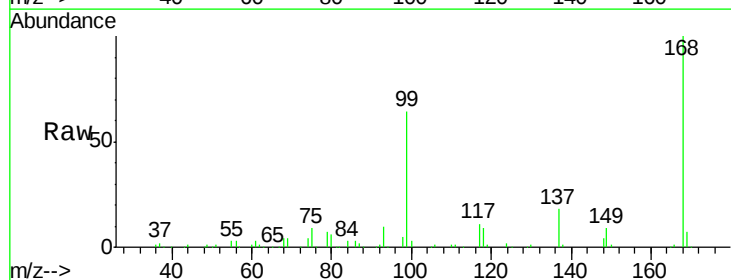
Instrument :
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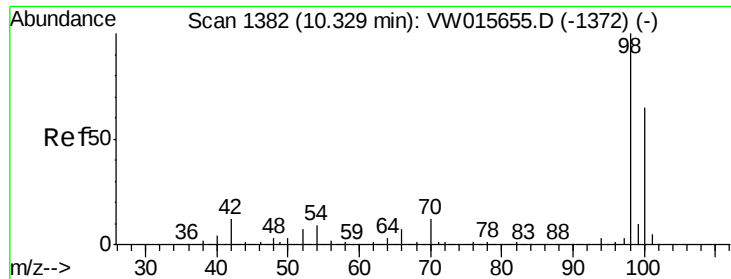
Tgt Ion: 75 Resp: 14696
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.0 51.0#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.738 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW015704.D
 Acq: 25 Jun 2020 01:30

Tgt Ion: 117 Resp: 18130
 Ion Ratio Lower Upper
 117 100
 119 5.8 73.2 109.8#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 50.709 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015704.D

Acq: 25 Jun 2020 01:30

Instrument :

MSVOA_W

ClientSampleId :

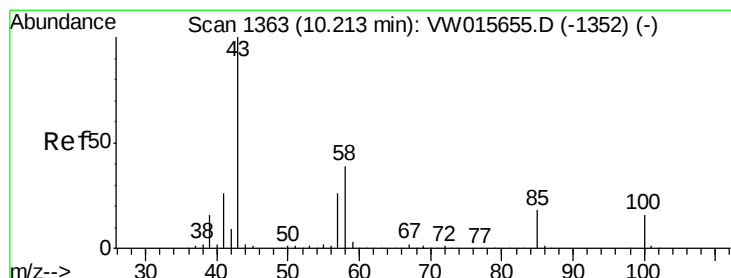
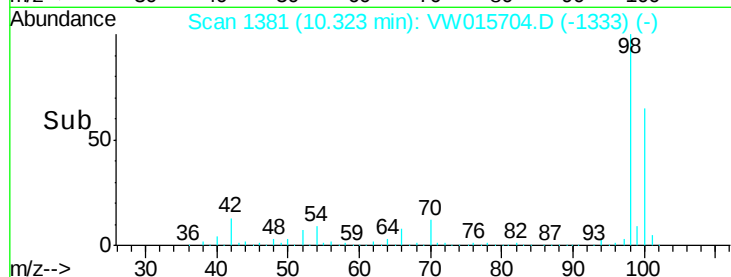
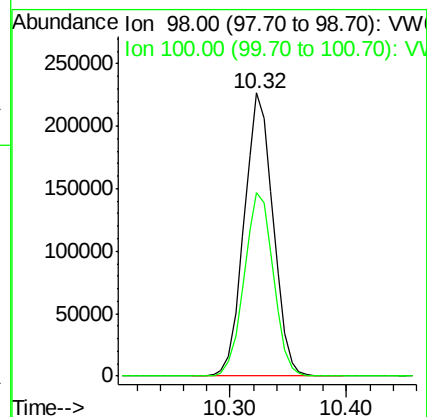
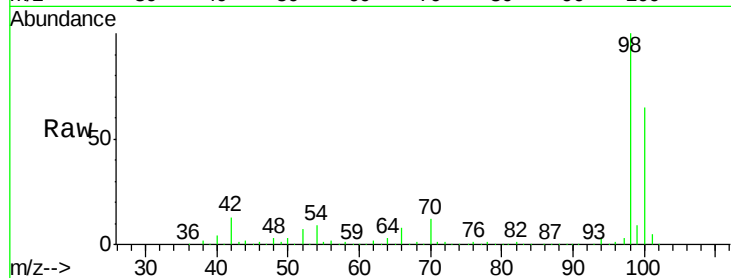
EBS8-S-02A

Tgt Ion: 98 Resp: 393374

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2



#51

4-Methyl-2-Pentanone

Concen: 1.745 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015704.D

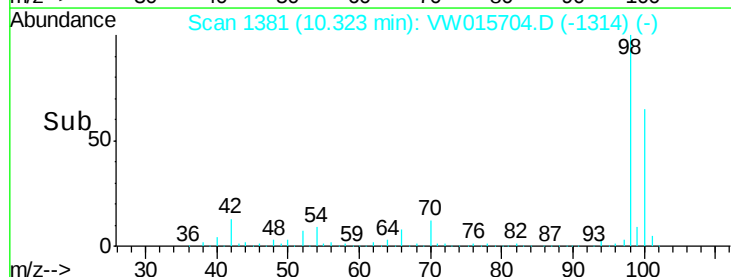
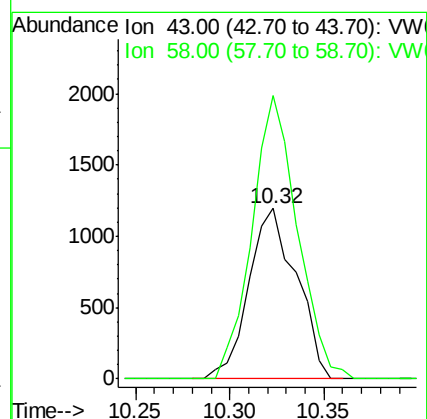
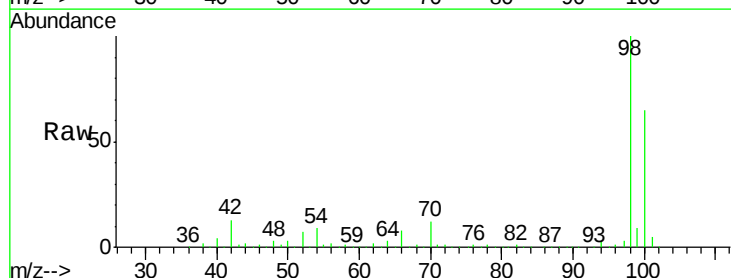
Acq: 25 Jun 2020 01:30

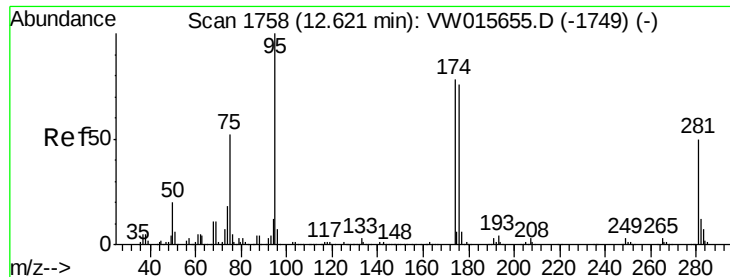
Tgt Ion: 43 Resp: 2090

Ion Ratio Lower Upper

43 100

58 158.8 31.2 46.8#





#62

4-Bromofluorobenzene

Concen: 41.454 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015704.D

Acq: 25 Jun 2020 01:30

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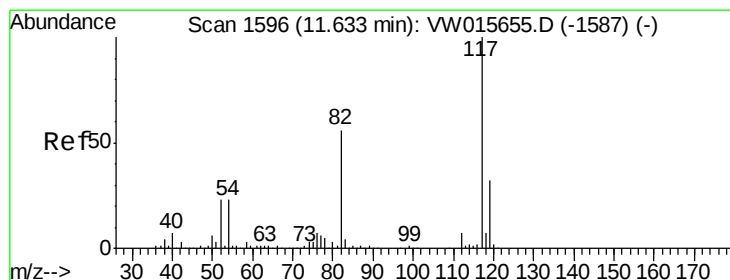
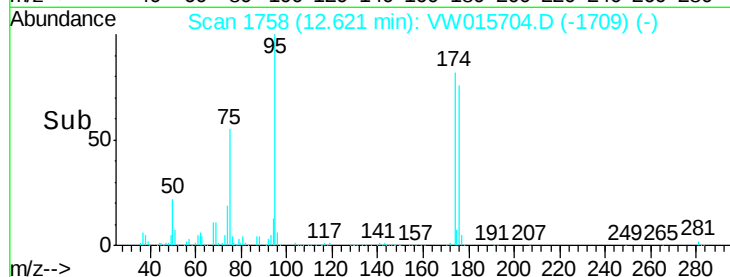
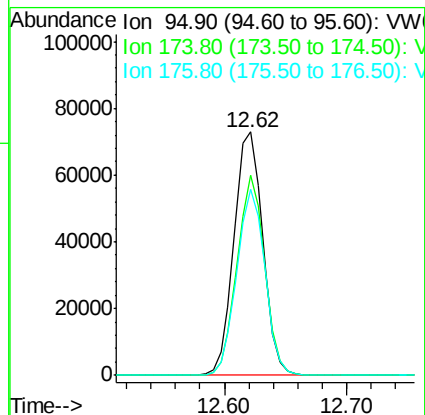
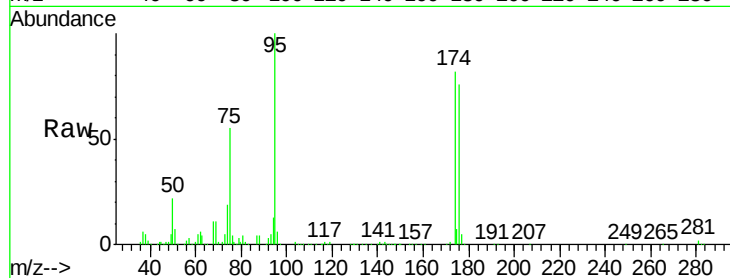
Tgt Ion: 95 Resp: 118430

Ion Ratio Lower Upper

95 100

174 79.1 0.0 157.0

176 75.0 0.0 151.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015704.D

Acq: 25 Jun 2020 01:30

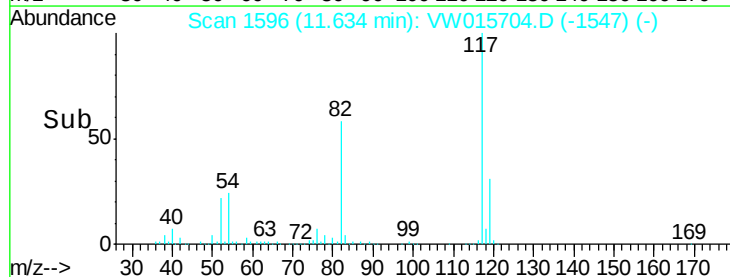
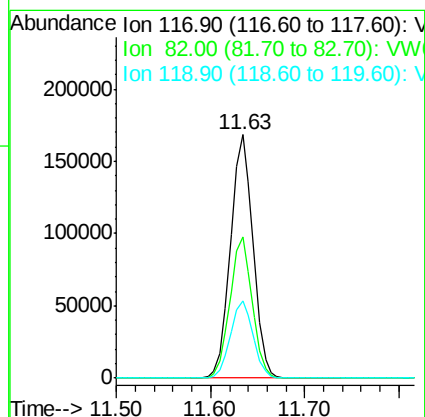
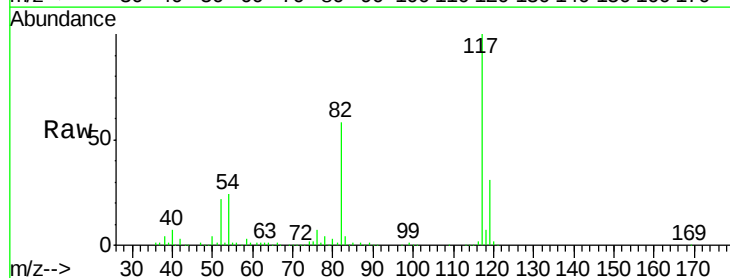
Tgt Ion: 117 Resp: 278982

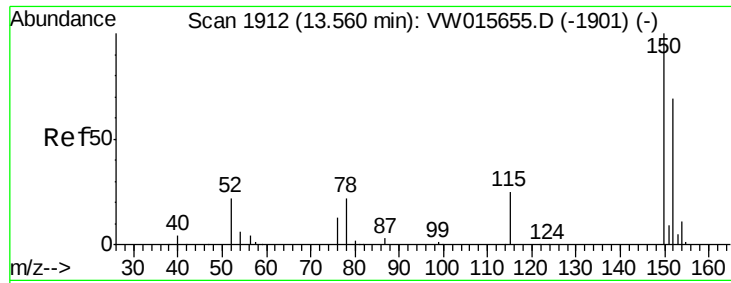
Ion Ratio Lower Upper

117 100

82 57.9 45.1 67.7

119 31.4 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015704.D

Acq: 25 Jun 2020 01:30

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MSVOA_W

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EBS8-S-02A

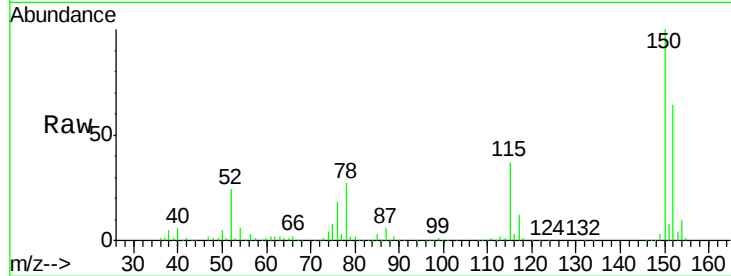
Tgt Ion:152 Resp: 108493

Ion Ratio Lower Upper

152 100

115 59.0 30.1 90.5

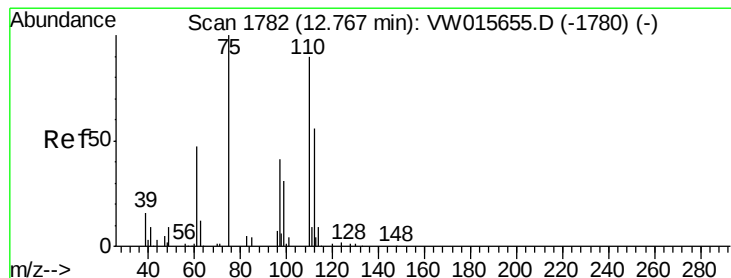
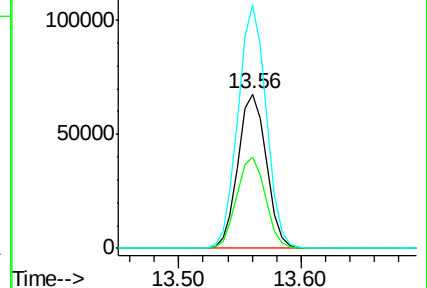
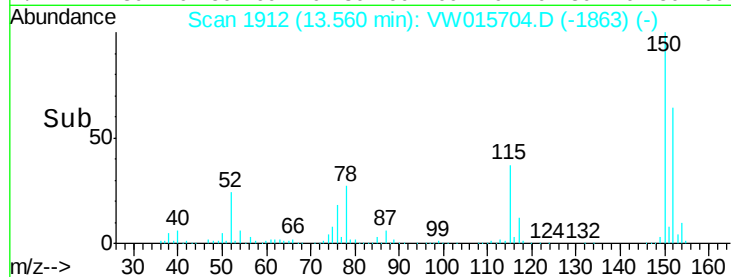
150 156.2 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 66.459 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015704.D

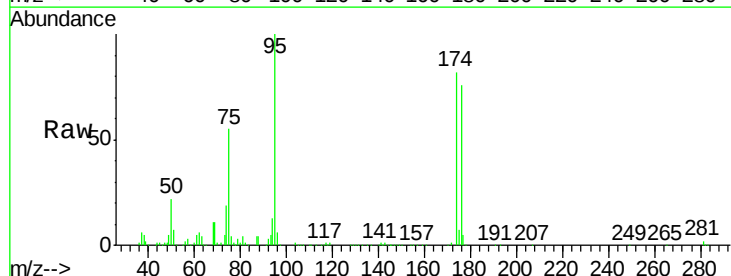
Acq: 25 Jun 2020 01:30

Tgt Ion: 75 Resp: 65769

Ion Ratio Lower Upper

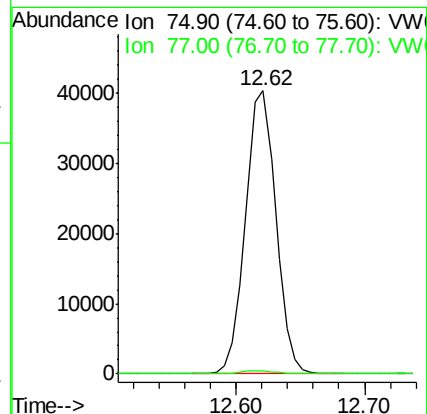
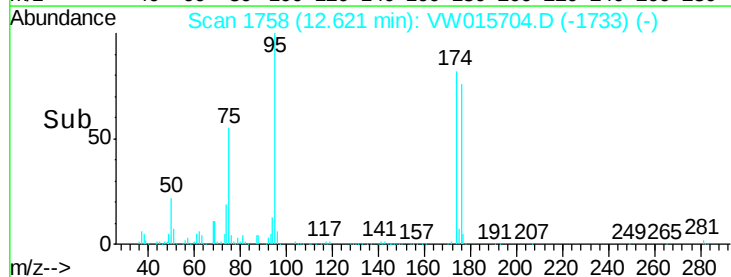
75 100

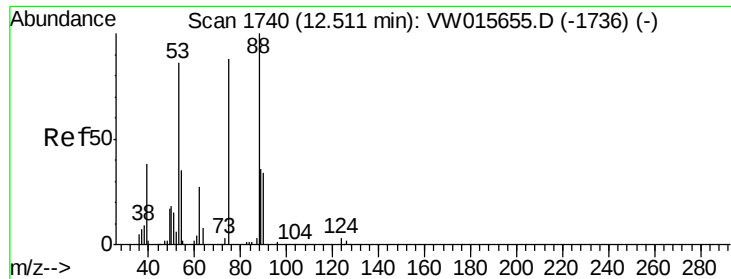
77 1.2 179.1 537.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 167.478 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015704.D

Acq: 25 Jun 2020 01:30

Instrument :

MSVOA_W

ClientSampleId :

EBS8-S-02A

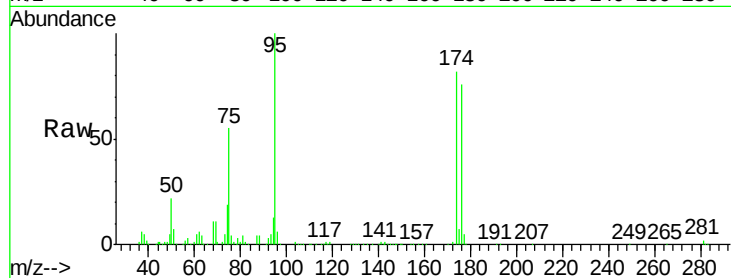
Tgt Ion: 75 Resp: 65769

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

